

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("5926494").PN.	US-PGPUB; USPAT	OR	OFF	2006/06/11 13:43
S2	7	((5926494) or (3786368) or (3970960) or (3992681) or (4249141) or (4757268) or (5754572)).PN.	US-PGPUB; USPAT	OR	OFF	2006/06/15 17:46
S3	5	("3786368"   "3970960"   "3992681"   "4757268"   "5754572").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/11 14:31
S4	194	372/50.1.ccls. and 372/46.01.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/15 15:11
S5	308	"372"/\$.ccls. and quantum near3 dot\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/15 15:41
S6	495	"372"/66.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/15 15:41
S7	427	"372"/68.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/15 15:41
S8	26	S6 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/15 15:42
S9	3	((plural\$3 or multiple) near3 gain near3 (medium or region\$1)) with lossy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/15 15:48
S10	5	("3786368"   "3970960"   "3992681"   "4757268"   "5754572").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/15 15:55
S11	32	((reduc\$5 near3 parasitic\$1) same (gain near3 medium))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/15 15:57

## EAST Search History

S12	191	thermally near3 conducting near3 substrate	US-PGPUB; USPAT	OR	OFF	2006/06/15 16:37
S13	14	S12 and "372"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2006/06/15 16:37
S14	0	((four near3 level near3 semiconductor) with gaas)	US-PGPUB; USPAT	OR	OFF	2006/06/15 17:47
S15	2	((four near3 level with semiconductor) with gaas)	US-PGPUB; USPAT	OR	OFF	2006/06/15 17:48
S16	2	((four near3 level with semiconductor) with gaas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/15 17:48
S17	3	((four near3 level with semiconductor) same gaas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/15 17:49
S18	10	((four near3 level) same gaas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/15 17:50
S19	2	((four near3 level) with gaas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/15 17:49
S20	15	(((four or three) near3 level) with gaas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/15 17:51
S21	379	lossy near3 layer	US-PGPUB; USPAT	OR	OFF	2006/06/16 10:36
S22	21	S21 and "372"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2006/06/16 10:55
S23	1	gain near3 gaas and lossy near3 gaas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/16 12:01
S24	109	ION NEAR3 DOP\$3 WITH GAAS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/16 12:01

## EAST Search History

S25	0	S24 AND LOSSY	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/16 12:01
S26	5	S24 AND "372"/\$.CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/16 12:01
S27	1	("5926494").PN.	US-PGPUB; USPAT	OR	OFF	2006/10/04 17:02
S28	1	("4757268").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/29 11:46
S29	560	372/39.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/29 12:29
S30	97	S29 and (passive or lossy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/29 13:28
S31	29	372/50.122.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/29 12:32
S32	62	372/50.121.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/29 12:42
S33	172	372/54.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/29 12:47
S34	433	372/68.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/29 12:57

## EAST Search History

S35	930	372/81.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/29 12:57
S36	8	S35 and (passive or lossy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/29 13:28
S37	79	S35 and gain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/29 16:16
S38	24	((lossy or passive) and gain near3 region).clm.	US-PGPUB	OR	OFF	2006/11/29 16:18
S39	689	monty.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/29 16:19
S40	1054	pepper.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/29 16:20
S41	9	S40 and gain near3 medium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/29 16:21
S42	4335	sumida.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/29 16:20
S43	11	S42 and gain near3 medium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/29 16:21